Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Wednesday 25 Dec 2024 until 23:59 on Thursday 26 Dec 2024

Forecast Issued on Tuesday 24 Dec 2024 at 11:22

Confidence: Generally high but lower for detail of cloud cover.

Headline for Wednesday 25 Dec 2024: A rather cloudy Christmas, with patchy light rain. Strong summit winds. Freezing level well above peaks.

Mountain weather hazards on Wednesday 25 Dec 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Cloudy	Sunny intervals	Cloudy	Light rain	Cloudy
Precipitation probability							
30%	20%	20%	20%	20%	20%	30%	20%

Forecast for Wednesday 25 Dec 2024

Weather: Remaining rather cloudy with some patchy light rain about, most of this across western areas of the park, however cloud free above the inversion which will be around 700m.

Chance of cloud-free hill tops above 800m: 70%

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive from 500m, but clear above the inversion.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 25 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	28/36 SW	30/38 SW	28/36 SW	27/34 SW	28/37 SW	27/34 SW	24/31 SW	23/30 SW	23/30 SW
600	23/30 SW	23/32 SW	24/32 SW	22/30 SW	25/35 SW	23/31 SW	20/27 SW	20/28 SW	19/27 SW
300	9/26 SW	11/28 SW	10/27 SW	9/25 SW	11/28 SW	10/25 SW	9/23 SW	9/23 SW	9/22 SW
Valley	9/23 SW	10/25 SW	11/24 SW	10/23 SW	12/25 SW	11/24 SW	10/23 SW	12/23 SW	11/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	5/-1	4/-2	4/-2	4/-3	4/-3	4/-2	4/-2	4/-1	4/-2
600	6/1	6/1	6/1	5/0	6/0	6/0	6/1	6/1	6/1
300	8/6	8/5	8/5	7/5	8/5	8/5	8/5	8/5	7/5
Valley	10/8	9/7	9/7	9/7	10/7	10/7	9/7	9/7	9/7
Freezing Level*	2400m	2500m	2500m	2500m	2000m	2200m	2300m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive hill fog at height bringing some difficult conditions at mid and most higher levels, but cloud free above the inversion expected around 700m.

Forecast for Thursday 26 Dec 2024

Weather: Cloudy to overcast with patchy rain, most persistent through the afternoon. Freezing level above all peaks. Winds lighter than Christmas day.

Maximum wind: Southwest 20-25mph easing gradually from mid-morning

Chance of cloud-free hill tops above 800m: 10-20%

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases extensive from 400m.

Temperature: **Valleys:** Plus 5 Celsius increasing 9 Celsius for the afternoon
At 800m: Plus 5 Celsius
Freezing level: Above the summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Tuesday 24 December 2024. Location: Helvellyn summit at 10:15 Full report: The Helvellyn summit today saw higher temperatures and light rain stripping nearly all but the odd isolated areas of wet snow, Swirral Edge for example is now snow free to the summit plateau. Whilst the damp and wind combined kept conditions feeling uncomfortable it was distinctly warm for the time of year at summit level. Any remaining snow is very isolated and likely avoidable on all routes. Despite the relatively high temperatures today, conditions on the Fells remain quite serious as the damp and wind combined can easily bring on hypothermia or just make the going tough. Equally, the cloud base today was low, down to around 400-500m at times and with very poor visibility, this requires very good navigation skills whilst on the move higher up. Full winter clothing is still required if venturing out on to the Fells, as well as general safety equipment such as a group shelter and spare layers, and with the short days a good head-torch. Currently technical winter equipment (ice axe + crampons) would not be required for the majority of routes across the region. Expect similar conditions over the coming days as reported today and prepare for low visibility and damp conditions. Temperature: plus 7.3 C, Maximum wind speed 21.2 mph, Wind chill: plus 1.8 C, Average wind speed: 13.5 mph

Issued at: 1122 on Tue 24 Dec 2024

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